## CLAIMS

1. A protein having an amino acid sequence described in SEQ. ID. No. 1 in the Sequence Listing and exhibiting a pesticidal activity.

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- 2. A protein having an amino acid sequence derived by addition, deletion or substitution of a plurality of amino acids in the amino acid sequence described in SEQ. ID. No.
- 10 1 in the Sequence Listing and exhibiting a pesticidal activity.
  - 3. A DNA containing a nucleotide sequence encoding the protein as claimed in claim 1.
  - 4. The DNA as claimed in claim 3, containing the nucleotide sequence as described in SEQ. ID. No. 3 in the Sequence Listing.
- 20 5. A DNA containing a nucleotide sequence encoding the protein as claimed in claim 2.
- A noxious organism-controlling agent, comprising
   a microbe producing a protein having an amino acid
   sequence described in SEQ. ID. No. 1 in the Sequence Listing,
   selected from
  - (1-1) Bacillus thuringiensis serovar galleriae SDS502

strain,

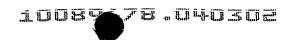
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- (1-2) a mutant thereof, and
- (1-3) a microbe transformed with a DNA containing a nucleotide sequence encoding a protein having an amino acid sequence described in SEQ. ID. No. 1 in the Sequence Listing, or

a protein having a pesticidal activity, produced by a microbe selected from

- (2-1) the above-mentioned SDS502 strain,
- 10 (2-2) its mutant, and
  - (2-3) transformed microbe.
  - 7. A microbe transformed with the DNA as claimed in claim
    5 and producing a protein exhibiting the pesticidal activity
    as claimed in claim 2.
    - A plant transformed with the DNA as claimed in claim
       or 5, or a seed thereof
- 20 9. A method for controlling a noxious organism, wherein the protein as claimed in claim 1 or 2 above is fed to a noxious organism to protect a plant from a damage caused by the noxious organism.
- 25 10. The method for controlling a noxious organism as claimed in claim 9, wherein the noxious organism is a Coleoptera insect and the plant is protected from a damage



caused by the noxious organism.

11. Bacillus thuringiensis serovar galleriae SDS502 strain producing a protein having an amino acid sequence described
5 in SEQ. ID. No. 1 in the Sequence Listing and exhibiting a pesticidal activity.